

MSR Chassis Corner		Left Rail						
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
Power								
24V	violet	L	EK1101	0	24V	P	TBLOCK	
0V	gray	L	EK1101	0	0V	P	TBLOCK	
24V	violet	L	EK1101	0	+	P	TBLOCK	
0V	gray	L	EK1101	0	-	P	TBLOCK	
24V	violet	L	EL9400	7	24V	P	TBLOCK	
0V	gray	L	EL9400	7	0V	P	TBLOCK	
24V	violet	L	EL9400	7	+	P	TBLOCK	
0V	gray	L	EL9400	7	-	P	TBLOCK	
Communication								
EtherCAT in	CAT5	L	EK1101	0	X1	Comm.	Front	In
EtherCAT out	CAT5	L	EK1101	0	X2	Comm.	Front	Out
Temperature								
Temperature Supply 1 +	red	L	EL3202	2	+R1	AI	6	1-2
Temperature Supply 1 -	black	L	EL3102	2	-R1	AI	6	1-4
Temperature Readback 1 +	green	L	EL3102	2	+R1	AI	6	1-1
Temperature Readback 1 -	white	L	EL3102	2	-R1	AI	6	1-3
Temperature Supply 2 +	red	L	EL3202	2	+R2	AI	6	2-2
Temperature Supply 2 -	black	L	EL3102	2	-R2	AI	6	2-4
Temperature Readback 2 +	green	L	EL3102	2	+R2	AI	6	2-1
Temperature Readback 2 -	white	L	EL3102	2	-R2	AI	6	2-3
Communication								
PTP	CAT5	L	EL6688	3	X1	Comm.	Rear port	2
Serial								
Weather station	D-sub	L	EL6002	5	X1	Serial	7	1
Timing GPS	D-sub	L	EL6002	5	X2	Serial	7	2
Spare RS232	D-sub	L	EL6002	8	X1	Serial	7	3
Fiber polarization control	D-sub	L	EL6002	8	X2	Serial	7	4
Spare RS422	D-sub	L	EL6022	10	X1	Serial	7	7
Timing master fanout	D-sub	L	EL6022	10	X2	Serial	7	8

Temperature terminals are coded red and blue for the supply lines and yellow for the readback lines.

MSR Chassis Corner		Middle Rail						
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
empty								

MSR Chassis Corner				Right Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
empty								

Remote Access Chassis End				Left Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
Power								
24V	violet	L	EK1101	0	24V	P	TBLOCK	
0V	gray	L	EK1101	0	0V	P	TBLOCK	
24V	violet	L	EK1101	0	+	P	TBLOCK	
0V	gray	L	EK1101	0	-	P	TBLOCK	
Communication								
Corner EtherCAT in	SM fiber	L	EK1501	0	X1	Comm.	Front	In
Corner EtherCAT out	SM fiber	L	EK1501	0	X2	Comm.	Front	Out
Temperature								
Temperature Supply 1 +	red	L	EL3202	1	+R1	AI	6	1-2
Temperature Supply 1 -	black	L	EL3102	1	-R1	AI	6	1-4
Temperature Readback 1 +	green	L	EL3102	1	+R1	AI	6	1-1
Temperature Readback 1 -	white	L	EL3102	1	-R1	AI	6	1-3
Temperature Supply 2 +	red	L	EL3202	1	+R2	AI	6	2-2
Temperature Supply 2 -	black	L	EL3102	1	-R2	AI	6	2-4
Temperature Readback 2 +	green	L	EL3102	1	+R2	AI	6	2-1
Temperature Readback 2 -	white	L	EL3102	1	-R2	AI	6	2-3
Serial								
H0 weather	D-sub	L	EL6002	2	X1	Serial	7	1
H0 GPS 1	D-sub	L	EL6002	2	X2	Serial	7	2
Spare RS422	D-sub	L	EL6022	4	X1	Serial	7	7
H0 timing master	D-sub	L	EL6022	4	X2	Serial	7	8
Communication								
MM fiber end	MM fiber	L	EK1521	6	X1	Comm.	Rear port	1
Communication								
EtherCAT out	CAT5	L	EK1101	8	X2	Comm.	L/GW_1	X1.1
X-Gateway Modbus								
Output	CAT5	L	AB9000	GW_1	X1.2	Comm.	Rear port	2
Modbus 1	CAT5	L	AB9000	GW_1	X2.1	Comm.	7	1
Modbus 2	CAT5	L	AB9000	GW_1	X2.2	Comm.	7	2

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